

Amendments to the Specification:

Title of the Invention

Please amend the title to read **OPTICAL IMAGING SYSTEM WITH ROD LENS ARRAY**.

Please replace the paragraph beginning at page 17, line 6, with the following amended paragraph:

In this embodiment, the refractive index distribution of the rod lenses 1 is expressed by Equation [[29]]13. However, it is not limited to such a distribution. For example, assuming that the secondary refractive index distribution coefficient g, which represents the refractive power near the optical axis, remains the same, the refractive index distribution of the rod lenses 1 can be expressed generally by

$$Eq. 43 \quad n(r)^2 = n_0^2 \cdot \{1 - (g \cdot r)^2 + f(r)\}$$